

3. RECOMMENDATIONS

It is recommended that the FAA conduct an analysis of the air traffic control system to identify critical procedures, particularly in geographic areas where little or no margin for safety exists. These hazardous situations should then be eliminated by implementing suitable corrective action, or at least the potential danger could be reduced by establishment of vigorous programs to educate controllers and pilots alike to the problem. Obviously, the constantly changing environment of the system dictates that periodic updating of the analysis would be required. The Board acknowledges that such an analysis of the air traffic system represents a major challenge, and if a lack of methodology exists on how to conduct such a study, then research and development on the subject should begin immediately.

BY THE NATIONAL TRANSPORTATION SAFETY BOARD:

/s/ JOHN H. REED  
Chairman

/s/ OSCAR M. LAUREL  
Member

/s/ FRANCIS H. McADAMS  
Member

/s/ LOUIS M. THAYER  
Member

/s/ ISABEL A. BURGESS  
Member

June 25, 1970.